



Nuclear Materials Committee

Rose Hayes, Chair
John Snedeker, Co-Chair



This committee was established to study issues that involve nuclear materials (generally uranium and plutonium) that have an impact on present or future SRS activities. Issues include spent nuclear fuel program activities (foreign and domestic), nuclear materials management and nuclear materials integration. The committee addresses the consolidation, storage and disposition issues related to the legacy materials that were once part of the nuclear weapons production cycle that are no longer needed for their original purpose, but are not considered waste. Topics under consideration for the Nuclear Materials Committee in 2011 include:

- I. Plutonium Storage and Consolidation
 - Plutonium Consolidation Activities*
 - Plutonium Storage and Surveillance Program
- II. K-Area Update
 - Feasibility Studies Relating to Plutonium Disposition (Disposal in WIPP)
 - DWPF-optimization of the amount of material loaded into each canister\
 - Facilities updates/upgrades
 - Heavy Water Disposition
- III. Plutonium Disposition Program
 - Future Pu Plan-Recommendations 263 & 271
 - Optimization Studies for Disposition of Plutonium (Variations in Pu loading of canisters)*
 - WIPP Update
- IV. Enriched Uranium Disposition Program
 - HEU Processing in H-Canyon Complex
 - Further HEU Receipts*
- V. Used Nuclear Fuel Storage and Disposition Program
 - Storage and Receipt of Used Nuclear Fuel
 - Used Fuel Inventory and Planned Receipts (Foreign and Domestic)*
 - Used Fuel Processing Plans
 - Used Fuel Exchange Program with Idaho
 - Used Fuel Facility Upgrades
- VI. H-Canyon Complex (Includes HB-Line Processing Activities/Capabilities/Schedules)
 - H-Canyon Complex Processing Schedules/Capabilities
 - H-Canyon Complex Infrastructure Upgrades
 - H-Canyon Complex Waste Minimization Efforts
 - H-Canyon Complex Operations/Safety Analyses
- VII. Other Nuclear Materials Activities
 - Disposition of Depleted Uranium Oxide (DUO)
 - Receipt and Disposition of Any Additional Nuclear Materials*
 - National Nuclear Security Administration (NNSA) Update, Small Modular Reactor

*It should be noted that for those topics that are NNSA related, input, advice and recommendations from the CAB are not to be performed as NNSA work activities. These NNSA related topics/activities are for "Information Only."

